



## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### RS 60/40 RA ( Rosin Activated)

Revision 22

Revision date 2022-11-01

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	RS 60/40 RA ( Rosin Activated)
Other means of identification / UFI	UFI NO.FX6J-TNU1-X80Q-KEXT.

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Soldering.
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##### 1.3. Details of the supplier of the safety data sheet

Company	RS Components Ltd
Address	Birchington Road Corby Northants NN17 9RS
Telephone	+44(0)845 850 9900
Email	RCustomerServicesUK@rs-components.com
Local Supplier	
Company	RS Components Ltd
Address	Glenview Ind Est Herberton Road Rialto Dublin 12
Telephone	+353(0) 1 415 3100
Email	enquiries.ie@rs-components.com

##### 1.4. Emergency telephone number

Emergency telephone number	+44(0) 1865407333(24hr) +44(0)1235 239670(24hr)
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Repr. 1A: H360FD; Lact.: H362; STOT RE 1: H372;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Repr. 1A: H360FD - May damage fertility. May damage the unborn child.

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## 2.2. Label elements

Precautionary Statement: Prevention	Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
	P263 - Avoid contact during pregnancy/while nursing. P264 - Wash thoroughly after handling. P270 - Do no eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P314 - Get medical advice/attention if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Precautionary Statement: Storage	Store in a dry place.
Precautionary Statement: Disposal	Dispose of in compliance with all Local and national regulations

## Further information

	Contains Lead,Overexposure signs/symptoms-blood formation impairment,central nervous system depression. CAUTION CONTAINS ROSIN: Exposure to this material may cause certain sensitive individuals to develop eczema and/or asthma.Sensitised persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. Persons with a history of asthma allergies orchronic or recurrent respiratory disease should not be employed in any process in which this product is used.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Tin		7440-31-5	231-141-8	01-2119486474-28	55-65%	
Lead (Solid) (Lead)		7439-92-1	231-100-4	01-2119513221-59	35-45%	Repr. 1A: H360FD; Lact.: H362; STOT RE 1: H372;
Natural Rosin (Mod Rosin)		65997-05-9	500-163-2	01-2119960933-37	1 - 10%	Skin Sens. 1: H317;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause sensitisation by inhalation. Seek medical attention if irritation or symptoms persist.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	May cause sensitisation by skin contact. Wash with soap and water.
Ingestion	Toxic if swallowed. If swallowed, seek medical advice immediately and show this container or label.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Coughing, difficulty in breathing. Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

**5.2. Special hazards arising from the substance or mixture**

Burning produces irritating, toxic and obnoxious fumes.

**5.3. Advice for firefighters**

Wear suitable respiratory equipment when necessary.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**6.2. Environmental precautions**

Do not allow product to enter drains.

**6.3. Methods and material for containment and cleaning up**

Sweep up. Transfer to suitable, labelled containers for disposal.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep in a cool, dry, well ventilated area.

**7.3. Specific end use(s)**

Soldering.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**

Natural Rosin (Mod Rosin)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.05
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:
	0.15	

**8.2. Exposure controls**

<b>8.2.1. Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>8.2.2. Individual protection measures</b>	Wear chemical protective clothing.
<b>Eye / face protection</b>	Approved safety goggles.
<b>Skin protection - Handprotection</b>	Chemical resistant gloves (PVC).
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>8.2.3. Environmental exposure controls</b>	No data available.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Solid
<b>Colour</b>	Dark grey
<b>Odour</b>	Characteristic
<b>Melting point</b>	183 - 190 °C
<b>Initial boiling point</b>	197 °C
<b>Flash point</b>	Not applicable.
<b>Autoignition temperature</b>	> 226 °C
<b>Solubility</b>	Slightly soluble in water

**9.2.1. Information with regard to physical hazard classes**

	No data available.
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**9.2.2. Other safety characteristics**

	No data available.
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

	No data available.
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**10.2. Chemical stability**

	Stable under normal conditions.
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**10.3. Possibility of hazardous reactions**

	None.
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**10.4. Conditions to avoid**

	None.
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**10.5. Incompatible materials**

	Avoid contact with: Acids. Oxidising agents.
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**10.6. Hazardous decomposition products**

	aliphatic hydrocarbons. Acids.
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**SECTION 11: Toxicological information****11.1 Information on hazard classes**

<b>Acute toxicity</b>	Very toxic if swallowed.
<b>Serious eye damage/irritation</b>	Irritating to eyes.
<b>Respiratory or skin sensitisation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Germ cell mutagenicity</b>	No mutagenic effects reported.
<b>Carcinogenicity</b>	No carcinogenic effects reported.
<b>Reproductive toxicity</b>	May cause harm to breastfed babies. May cause harm to the unborn child.

**11.1.2. Mixtures**

	No data available.
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**11.1.3. Hazard Information**

	No data available.
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**11.1.4. Toxicological Information**

	Harmful in contact with skin and if swallowed.
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**SECTION 12: Ecological information**

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## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

Bioaccumulative potential.

## 12.5. Results of PBT and vPvB assessment

Not relevant.

## 12.6 Endocrine disrupting properties

Harmful to aquatic organisms.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

- 2 - Hazard pictograms.
- 9 - 9.2.2. Other safety characteristics.
- 9 - 9.2.1. Information with regard to physical hazard classes.

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## Other information

<b>Text of Hazard Statements in Section 3</b>	Repr. 1A: H360FD - May damage fertility. May damage the unborn child. Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Skin Sens. 1: H317 - May cause an allergic skin reaction.
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## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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